

Message Text

SECRET

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ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 CIAE-00 DODE-00 INRE-00

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TO SECSTATE WASHDC IMMEDIATE 3420

S E C R E T MOSCOW 15582

EXDIS

E.O. 11652: XGDS-3

TAGS: PARM, US, UR, OEXD

SUBJECT: TTBT/PNE NEGOTIATIONS - SUMMARY OF OCT 15 PLENARY

1. MEETING BEGAN AT 4:15 P.M. MOROKHOV BEGAN BY INTRODUCING SAFRONOV WHO GAVE PRESENTATION ON SEISMIC ISSUES INVOLVED IN VERIFICATION.

2. SAFRONOV STATED THAT YIELDS BELOW THE TTB THRESHOLD PRESENT NO VERIFICATION PROBLEMS AND THAT NATIONAL TECHNICAL MEANS ARE SUFFICIENT FOR VERIFYING YIELDS. FOR YIELDS ABOVE THE TTB THRESHOLD VERIFICATION REQUIRES ASSURANCE OF THE PEACEFUL PURPOSE OF THE TEST, AND THIS CAN BE ACCOMPLISHED BY THE SIDE CONDUCTING THE TEST GIVING PRE-ANNOUNCEMENT OF THE PURPOSE, TIME AND YIELD OF THE EXPLOSION AND POST-ANNOUNCEMENT OF THE RESULTS AND ACTUAL YIELD.

3. SAFRONOV ASSERTED THAT ARTICLE V OF THE NPT ENVISAGES NO LIMITATIONS ON PNES. WITH REGARD TO THE PROBLEM OF REDUCTION IN THE COUPLING FACTOR AS A RESULT OF SHALLOW DEPTH OF BURIAL, HE STATED THAT THE NEED TO OBSERVE PROVISIONS OF THE LTBT REQUIRE SUCH A DEPTH OF BURIAL THAT THE PROBLEM IS REMOVED FOR YIELDS OF INTERESTS.

4. SAFRONOV STATED ADHERENCE TO THE LTBT IS RELIABLY VERIFIABLE BY NTM USING RADIATION ANALYSIS AND OTHER GEOPHYSICAL

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MEANS. HE ALSO STATED THAT ANNOUNCEMENT IN ADVANCE OF THE

PURPOSE AND YIELD OF THE EXPERIMENT WOULD CHARACTERIZE THE DEPTH SUFFICIENTLY FOR VERIFICATION AND WOULD ALSO SOLVE THE QUESTION OF GROUP EXPLOSIONS.

5. STOESEL THANKED SAFRONOV FOR HIS PRESENTATION AND ACKNOWLEDGED MYASNIKOV'S PRESENTATION OF YESTERDAY. HE THEN REITERATED THE US POSITION THAT WE REQUIRED AN OVERVIEW OF THE PLANNED SOVIET PNE PROGRAM, AS THEY PRESENTLY FORESAW IT, INCLUDING NUMBERS OF EXPLOSIONS AND YIELDS IN VARIOUS CATEGORIES. HE STATED THAT WE NEEDED THIS TYPE OF PRESENTATION IN ORDER TO ADEQUATELY ASSESS THE VERIFICATION REQUIREMENTS ASSOCIATED WITH A PNE AGREEMENT. MOROKHOV REPLIED THAT THIS TYPE OF PRESENTATION BELONGS TO THE FIELD OF PNE COOPERATION. HE CITED EXCHANGE OF INFORMATION IN CTR AS AN EXAMPLE OF SUCH A COOPERATIVE EFFORT. MOROKHOV THEN STATED THAT HE HAD OUTLINED THEIR PNE PROGRAM AND EMPHASIZED THAT IT WAS INTENSIVE. HE STATED THEY WOULD GO BACK TO DETAILS ON SOME ASPECTS IN THE FUTURE. HE COLOSED BY STATING THAT HE WAS NOT IN A POSITION TO PROVIDE THE TYPE OF INFORMATION REQUESTED WHICH BELONGS IN A COOPERATIVE PROGRAM AND WHICH DEPENDS ON TRUST.

6. STOESEL THEN INTRODUCED FLEMING WHOSE VERBATIM PRESENTATION IS REPORTED SEPTEL.

7. IN THE QUESTION PERIOD MYASNIKOV ASKED (1) IF WE HAD CONSIDERED USING NUCLEAR EXPLOSIVES IN COMMERCIALY USEFUL GAS AND OIL DEPOSITS; (2) THE STATE OF AFFAIRS OF PNES FOR GEO-THERMAL EXPLOITATION; (3) THE STATUS OF THE PANAMA CANAL PROJECT; AND (4) THE DIAMETER OF THE HOLE WE ENVISAGED FOR THE EXTRACTION OF OIL FROM SHALE. FLEMING ANSWERED ALL QUESTIONS.

8. WE AGREED TO MEET AGAIN THURSDAY AT 4:00 P.M. WITH BUCHEIM CHAIRING.
STOESEL

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